



Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

2824  
#8  
11/4/03  
RECEIVED  
JAN 9 2003  
TECHNOLOGY CENTER 2800

EFS ID: 21554  
Application ID: 09955641  
Title of Invention: SEMICONDUCTOR MEMORY CELL AND  
MEMORY ARRAY USING A BREAKDOWN  
PHENOMENA IN AN ULTRA-THIN  
DIELECTRIC  
First Named Inventor: Jack Peng  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2001-09-18  
Effective Receipt Date: 2003-01-07  
Submission Type: Information Disclosure Statement  
Filing Type: null  
Confirmation Number: 1777  
Attorney Docket Number: 384848001US  
Digital Certificate Holder: cn=Robert G. Woolston, ou=Registered Attorneys, ou=Patent and Trademark  
Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: RCIA++LVxStiRQykNB5PAA==





# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Information  
Disclosure Statement

Application Number: 09/955641  
Attorney Docket Number: 384848001US

## SEMICONDUCTOR MEMORY CELL AND MEMORY ARRAY USING A BREAKDOWN PHENOMENA IN AN ULTRA-THIN DIELECTRIC

RECEIVED  
JAN 9 2003  
TECHNOLOGY CENTER 2800

First Named Inventor: Jack Zezhong Peng

### SUBMITTED BY

Name:	Chun M. Ng
Registration Number:	36,878
Electronic Signature Mark: /cmn	Date Signed: 20030107

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

us-information-disclosure-statement

8001USids.xml

Comments:

**THIS PAGE BLANK (USPTO)**

**THIS PAGE BLANK (USPTO)**



# Electronic Information Disclosure Statement

## SEMICONDUCTOR MEMORY CELL AND MEMORY ARRAY USING A BREAKDOWN PHENOMENA IN AN ULTRA-THIN DIELECTRIC

Application:



09/955641

Confirmation: 1777

Applicant(s): Jack Peng

Docket

384848001 US

Number:

Group Art

2818

Unit:

Examiner:

search string: (3634929 or 4322822 or 4488262 or 4502208 or 4507757 or 4543594 or 4613886 or 4823181 or 4876220 or 4899205 or 4943538 or 5138410 or 5304871 or 5412244 or 5496756 or 5576568 or 5587603 or 5600265 or 5675541 or 5825200 or 5825201 or 5880512 or 5909049 or 6084428 or 6097077 or 6421293 ).pn.

RECEIVED  
JAN 9 2003  
TECHNOLOGY CENTER 2800

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	3634929	1972-01-18		Yoshida et al.	29	577
	P02	4322822	1982-03-30		McPherson	365	182
	P03	4488262	1984-12-11		Basire et al.	365	104
	P04	4502208	1985-03-05		McPherson	438	281
	P05	4507757	1985-03-26		McElroy	365	104

P06	4543594	1985-09-24		Mohsen et al.	257	530
P07	4613886	1986-09-23		Chwang	257	369
P08	4823181	1989-04-18		Mohsen et al.	257	530
P09	4876220	1989-10-24		Mohsen et al.	438	200
P10	4899205	1990-02-06		Hamdy et al.	257	530
P11	4943538	1990-07-24		Mohsen et al.	438	215
P12	5138410	1992-08-11		Takebuchi	257	314
P13	5304871	1994-04-19		Dharmarajan et al.	326	44
P14	5412244	1995-05-02		Hamdy et al.	257	530
P15	5496756	1996-03-05		Sharma et al.	438	258
P16	5576568	1996-11-19		Kowshik	257	318
P17	5587603	1996-12-24		Kowshik	257	316
P18	5600265	1997-02-04		El Gamal et al.	326	41
P19	5675541	1997-10-07		Leterrier	365	189.01
P20	5825200	1998-10-20		Kolze	326	38
P21	5825201	1998-10-20		Kolze	326	39
P22	5880512	1999-03-09		Gordon et al.	257	530
P23	5909049	1999-06-01		McCollum	257	530
P24	6084428	2000-07-04		Kolze et al.	326	41
P25	6097077	2000-08-01		Gordon et al.	257	530
P26	6421293	2002-07-16		Candelier et al.	365	225.7

**Signature**

Examiner Name	Date